Influence of ventilation use and occupant behaviour on surface microorganisms in contemporary social housing

Sharpe T. ^{1,} McGill G, ^{1*} Dancer SJ, ^{2,3} King M-F, ⁴ Fletcher L, ⁴ Noakes CJ. ⁴
Affiliations:
¹ Department of Architecture, University of Strathclyde, Scotland, UK
² Dept. of Microbiology, Hairmyres Hospital, NHS Lanarkshire, Scotland, UK
³ School of Applied Sciences, Edinburgh Napier University, Scotland, UK
⁴ Water, Public Health and Environmental Engineering Group, School of Civil Engineering, University of Leeds, England, UK
*Correspondence to: grainne.mcgill@strath.ac.uk
Running title: Effect of ventilation on home surface microbes

Keywords: Ventilation; Community; Microbiology; Bacteria; Fungi; Surfaces

Supplementary Information

Table 3: Cultivable Gram-negative bacteria identified from eight sampled sites in Scottish homes. Most isolates were Pantoea spp. or Pantoea agglomerans Also found: Acinetobacter baumannii (also lwoffi; radioresistens; ursingii; haemolyticus) Sphingomonas paucimobilis; Pseudomonas putida (also fluorescens) Lerclercia adecarboxylata Paracoccus yeei Klebsiella pneumoniae Enterobacter cloacae Roseomonas gilardii Aeromonas sobria Serratia liquefaciens Brevundimonas spp. Crononbacter sakazakii Moraxella spp.